## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060038311").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 13:47
S2	1	((NARIHIKO) near2 (TOGOU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:47
S3	2	((NARIHIKO) near2 (TOGOU)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/17 13:47
S4	1	((MASAYA) near2 (SATOU)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:47
S5	17	((MASAYA) near2 (SATOU)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/17 13:47
S6	662	sekisui.as.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:49
S7	91238	sekisui.as.	FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/17 13:49
S8	576	S6 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:49
S9	275	S8 and styrene	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:50
S10	70	S9 and blowing	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:50
S11	18	S10 and bead\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 13:50
S12	1	("3963816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 14:32
S13	21	("3086248"   "3126432"   "3155379"   "3162704"   "3207820"   "3417170"   "3446882"     "3452124").PN. OR ("3963816").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 14:43
S14	1	("4560705").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 14:50
S15	4	("4560705").URPN.	USPAT	OR	ON	2008/06/17 14:54
S16	747	(521/60).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 14:56
S17	210	S16 and (surfactant soap)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 14:56
S18	15	S17 and (surfactant with (impregnate impregnat \$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 14:57

S19	1	("5217660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 15:08
S20	2	("2983692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 15:09
S21	12	("2983692").URPN.	USPAT	OR	ON	2008/06/17 15:12
S22	1	("3900433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 15:16
S23	1	("4871594").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 15:30
S24	8	("3900433").URPN.	USPAT	OR	ON	2008/06/17 15:38
S25	145	(styrene) with (pre \$1foam\$3 pre\$1expand \$3 prefoam\$3)	USPAT	OR	ON	2008/06/17 15:44
S26	1	EP-343473-\$.did.	EPO; DERWENT	OR	ON	2008/06/17 16:47
S27	1	("6476089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 17:06
S28	169	(styrene) with (olefin ethylene propylene) with (expandable expand)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:13
S29	2	S28 with surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:13
S30	43	S28 and steam	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:19
S31	1	("5244996").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 17:21
S32	1	("5460818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 17:32
S33	362	styrene with (cationic near surfactant)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:40
S34	37	S33 and foam	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:41
S35	40908	cationic near3 surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:44
S36	11818	S35 and foam	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:44
S37	6206	S36 and (styrene olefin)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:44
S38	1170	S37 and bead	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:44
S39	204	S38 and steam	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/17 17:44
S40	1	("4302549").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 17:45

S41	1	("3759641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 17:49
S42	2	("3023175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/17 18:05
S43	2	("4286069").URPN.	USPAT	OR	ON	2008/06/17 18:44
S44	1785	(264/41).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 08:51
S45	714	(264/42).OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 08:51
S46	680	(264/48).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 08:51
S47	882	(521/56).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/18 08:51
S48	11	("3991020"   "4174427"   "4286069"   "4333970"   "4361656"   "4375497"   "4386133"   "4398958"   "4463032"   "5935645"   "6136396").PN. OR ("6646018").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/09 12:43
S49	0	(cationic near3 surfactant) with (styrene) with (bead) with (expandable)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/09 12:54
S50	4	(cationic near3 surfactant) and ((styrene) with (bead) with (expandable))	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/09 12:55
S51	1	("5460818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 14:09
S52	15169	(cationic near3 surfactant) and (styrene)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:29
S53	1911	S52 and expand\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:29
S54	231	S53 and HLB	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:29
S55	92	S54 and bead	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:30
S56	29	(cationic near3 surfactant) and ((styrene) with expand \$4) and (styrene surfactant).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:33
S57	5	(("3155591") or ("3929678") or ("3959461") or ("4387090")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 14:36

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S58	2	(("4174427") or ("4560705")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 14:39
S59	12	("2911381"   "3051682"   "3827990"   "4226942"   "4312957").PN. OR ("4560705").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:40
S60	9	("3001954"   "3468820"). PN. OR ("4174427"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:42
S61	0	(\$59 \$60) and (cationic with surfactant)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:42
S62	9	(S59 S60) and (surfactant)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:42
S63	1167	(521/56,57).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/05 14:46
S64	57	S63 and (styrene and cationic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:50
S65	22	S63 and (styrene and (cationic with surfactant))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 14:52
S66	30	S63 and (styrene and (ammonium with surfactant))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 15:26
S67	6255	(surfactant).ab. and (sulfonate with anionic) and (ammonium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20
S68	1339	(surfactant).ab. and (sulfonated with anionic) and (ammonium)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20
S69	1165	(surfactant).ab. and (sulfonated with anionic) and (ammonium with salt)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20
S70	359	(surfactant).ab. and (sulfonated with anionic) and (ammonium with salt) and (styrene)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20
S71	0	(surfactant).ab. and (sulfonated with anionic) and (ammonium with salt) and (styrene with expandable)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20
S72	15	(surfactant).ab. and (sulfonated with anionic) and (ammonium with salt) and (styrene with coat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 16:20

S73	1	(surfactant).ab. and	US-PGPUB;	OR	ON	2009/02/05
		(sulfonated with anionic)	USPAT; USOCR			16:21
		and (ammonium with				
		salt) and S63				

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